

## Storm Data and Unusual Weather Phenomena - May 2014

Location	Date/Time	Deaths & Injuries	Property & Crop Dmg	Event Type and Details
<b>LAKE HURON</b>				
<b>HARBOR BEACH TO PORT SANILAC MI 5NM OFFSHORE TO US/CANADIAN BORDER COUNTY --- HARBOR BEACH [43.83, -82.65]</b>				
	05/09/14 13:25 EST	0		Marine Thunderstorm Wind (MG 39 kt)
	05/09/14 13:25 EST	0		Source: C-MAN Station
<b>PORT AUSTIN TO HARBOR BEACH MI 5NM OFFSHORE TO US/CANADIAN BORDER COUNTY --- PORT HOPE [43.93, -82.72]</b>				
	05/09/14 13:36 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	05/09/14 13:36 EST	0		Source: ASOS
Thunderstorms moving through southern Lake Huron produced wind gusts up to 45 MPH.				
<b>PORT SANILAC TO PORT HURON MI 5NM OFFSHORE TO US/CANADIAN BORDER COUNTY --- PORT HURON [42.98, -82.42]</b>				
	05/13/14 15:17 EST	0		Marine Thunderstorm Wind (MG 35 kt)
	05/13/14 15:17 EST	0		Source: ASOS
A thunderstorm moving into Lake Huron from Port Huron produced a 40 MPH wind gust.				
<b>LAKE ST CLAIR</b>				
<b>LAKE ST CLAIR (U.S. PORTION) COUNTY --- 7.2 SW NEW BALTIMORE [42.61, -82.83]</b>				
	05/13/14 15:55 EST	0		Marine Thunderstorm Wind (MG 34 kt)
	05/13/14 15:55 EST	0		Source: ASOS
A thunderstorm moving through Lake St. Clair produced a 39 MPH wind gust.				
<b>MICHIGAN, East</b>				
<b>WASHTENAW COUNTY --- 1.7 SW ANN ARBOR [42.26, -83.75]</b>				
	05/09/14 11:37 EST	0		Thunderstorm Wind (EG 52 kt)
	05/09/14 11:37 EST	0		Source: Trained Spotter
Numerous large tree limbs down on the University of Michigan golf course.				
<b>OAKLAND COUNTY --- 1.5 NNE WIXOM SPENCER ARPT [42.54, -83.54]</b>				
	05/09/14 12:01 EST	3K		Thunderstorm Wind (EG 56 kt)
	05/09/14 12:01 EST	0		Source: Trained Spotter
Power lines reported down. A spotter also estimated a 65 mph thunderstorm wind gust.				
<b>OAKLAND COUNTY --- 1.2 NW CLARKSTON [42.74, -83.42]</b>				
	05/09/14 12:15 EST	0		Thunderstorm Wind (MG 56 kt)
	05/09/14 12:15 EST	0		Source: Trained Spotter
<b>OAKLAND COUNTY --- 1.4 N OXFORD [42.84, -83.27]</b>				
	05/09/14 12:25 EST	1K		Thunderstorm Wind (EG 54 kt)
	05/09/14 12:25 EST	0		Source: Emergency Manager
Power line down on building.				
<b>SANILAC COUNTY --- 0.9 SE BROWN CITY [43.21, -82.99]</b>				
	05/09/14 12:52 EST	5K		Thunderstorm Wind (EG 52 kt)
	05/09/14 12:52 EST	0		Source: 911 Call Center
Power lines and power poles reported down.				

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<b>SANILAC COUNTY --- 0.5 W DECKERVILLE [43.53, -82.74]</b>				
	05/09/14 13:16 EST		5K	Thunderstorm Wind (EG 52 kt)
	05/09/14 13:16 EST		0	Source: 911 Call Center
Power lines and power poles reported down.				
<b>SANILAC COUNTY --- CROSWELL [43.27, -82.62]</b>				
	05/09/14 13:19 EST		5K	Thunderstorm Wind (EG 52 kt)
	05/09/14 13:19 EST		0	Source: 911 Call Center
Power lines and power poles reported down.				
<b>A cold front triggered a few severe thunderstorms during the afternoon hours.</b>				
<b>LIVINGSTON COUNTY --- 0.7 N GREGORY [42.46, -84.08]</b>				
	05/12/14 14:19 EST		0	Thunderstorm Wind (EG 50 kt)
	05/12/14 14:19 EST		0	Source: Department of Highways
Several large tree limbs were reported blown down.				
<b>GENESEE COUNTY --- 2.0 WSW FLUSHING ARPT [43.05, -83.91], 4.5 SSW GAINES [42.81, -83.93], 2.5 SSE GOODRICH [42.89, -83.49], 1.9 ENE RICHFIELD CENTER [43.11, -83.47]</b>				
	05/12/14 15:00 EST		0	Flash Flood (due to Heavy Rain)
	05/12/14 19:00 EST		0	Source: NWS Employee
Three to five inches of rain falling in a short period produced flooding, with water depths exceeding the curbs on many roads.				
<b>WASHTENAW COUNTY --- 0.7 N YPSILANTI [42.24, -83.62]</b>				
	05/12/14 15:42 EST		0	Hail (0.75 in)
	05/12/14 15:42 EST		0	Source: Trained Spotter
<b>LIVINGSTON COUNTY --- 0.9 NW HOWELL [42.61, -83.94]</b>				
	05/12/14 17:22 EST		0	Hail (0.75 in)
	05/12/14 17:22 EST		0	Source: Trained Spotter
<b>A warm front produced one severe thunderstorm, along with Flash Flooding and a couple reports of dime size Hail.</b>				
<b>LENAWEE COUNTY --- 3.0 SSW CEMENT CITY [42.03, -84.35]</b>				
	05/13/14 13:12 EST		0	Thunderstorm Wind (EG 56 kt)
	05/13/14 13:12 EST		0	Source: Emergency Manager
Numerous trees blown down on a Church Property.				
<b>LIVINGSTON COUNTY --- 2.3 NNE CHILSON [42.56, -83.83]</b>				
	05/13/14 13:32 EST		0	Thunderstorm Wind (EG 52 kt)
	05/13/14 13:32 EST		0	Source: Amateur Radio
The top of a small tree was blown off.				
<b>LIVINGSTON COUNTY --- 1.7 ESE PINCKNEY [42.44, -83.90]</b>				
	05/13/14 13:52 EST		0	Thunderstorm Wind (EG 54 kt)
	05/13/14 13:52 EST		0	Source: Trained Spotter
Trees and large tree limbs reported blown down.				
<b>WASHTENAW COUNTY --- 2.0 W ANN ARBOR [42.28, -83.77]</b>				
	05/13/14 13:54 EST		0.10M	Thunderstorm Wind (EG 65 kt)
	05/13/14 13:54 EST		0	Source: Law Enforcement
Widespread trees down, some of which fell onto homes which caused structural damage.				

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<b>WASHTENAW COUNTY --- 0.9 NW (ARB)ANN ARBOR MUNI [42.23, -83.76]</b>				
	05/13/14 13:55 EST		0	Thunderstorm Wind (EG 50 kt)
	05/13/14 13:55 EST		0	Source: Trained Spotter
Three inch diameter tree limbs reported down.				
<b>WASHTENAW COUNTY --- 1.2 SW ANN ARBOR [42.27, -83.75]</b>				
	05/13/14 13:58 EST		5K	Thunderstorm Wind (EG 52 kt)
	05/13/14 13:58 EST		0	Source: Public
A large tree was uprooted and fell onto detached garage.				
<b>HURON COUNTY --- 0.7 N ULBY [43.71, -82.93]</b>				
	05/13/14 14:02 EST		5K	Thunderstorm Wind (EG 52 kt)
	05/13/14 14:02 EST		0	Source: Law Enforcement
Power lines were reported down.				
<b>WASHTENAW COUNTY --- 1.0 E DIXBORO [42.32, -83.63]</b>				
	05/13/14 14:02 EST		5K	Thunderstorm Wind (EG 56 kt)
	05/13/14 14:02 EST		0	Source: Emergency Manager
Numerous large trees reported down on wires.				
<b>GENESEE COUNTY --- 3.1 WSW BRENT CREEK [43.10, -83.93], 1.3 ESE ROGERSVILLE [43.12, -83.55], 1.6 WNW ATLAS [42.94, -83.56], 2.6 N GAINES ARPT [42.91, -83.82]</b>				
	05/13/14 14:10 EST		0.10M	Flash Flood (due to Heavy Rain)
	05/13/14 15:30 EST		0	Source: Trained Spotter
Multiple streets were flooded, including I-75. Vehicles were stranded due to the high water. Although rainfall totals were only around 1 inch, heavy rainfall of 3 to 5 inches from the previous day set the stage for the Flash Flooding which occurred.				
<b>WASHTENAW COUNTY --- 0.9 SE GEDDES [42.26, -83.66]</b>				
	05/13/14 14:11 EST		0	Thunderstorm Wind (EG 56 kt)
	05/13/14 14:11 EST		0	Source: Trained Spotter
A spotter estimated a 65 mph thunderstorm wind gust.				
<b>OAKLAND COUNTY --- 1.0 E OXFORD [42.82, -83.25]</b>				
	05/13/14 14:14 EST		0	Thunderstorm Wind (EG 52 kt)
	05/13/14 14:14 EST		0	Source: Trained Spotter
A fence was reported blown over.				
<b>WAYNE COUNTY --- 0.5 E ROMULUS [42.22, -83.37]</b>				
	05/13/14 14:16 EST		0	Thunderstorm Wind (MG 50 kt)
	05/13/14 14:16 EST		0	Source: ASOS
<b>OAKLAND COUNTY --- 1.5 NNW FARMINGTON [42.49, -83.38]</b>				
	05/13/14 14:18 EST		0	Thunderstorm Wind (EG 52 kt)
	05/13/14 14:18 EST		0	Source: Broadcast Media
Large tree was reported blown down.				
<b>MONROE COUNTY --- 2.6 SW PETERSBURG LADA FLD [41.85, -83.71]</b>				
	05/13/14 14:30 EST		0	Thunderstorm Wind (EG 52 kt)
	05/13/14 14:30 EST		0	Source: 911 Call Center
Power lines reported.				
<b>MONROE COUNTY --- 0.5 E PETERSBURG LADA FLD [41.88, -83.67]</b>				

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	05/13/14 14:32 EST		2K	Thunderstorm Wind (EG 52 kt)
	05/13/14 14:32 EST		0	Source: 911 Call Center
Large tree and wires reported down.				
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<b>MONROE COUNTY --- 1.5 E LULU [41.88, -83.59]</b>				
	05/13/14 14:36 EST		2K	Thunderstorm Wind (EG 52 kt)
	05/13/14 14:36 EST		0	Source: 911 Call Center
Large tree and wires reported down.				
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<b>MACOMB COUNTY --- 2.6 WNW MT CLEMENS [42.59, -82.92]</b>				
	05/13/14 14:37 EST		0	Thunderstorm Wind (MG 53 kt)
	05/13/14 14:37 EST		0	Source: Public
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<b>MACOMB COUNTY --- 1.2 SE DISCO [42.67, -83.01]</b>				
	05/13/14 14:38 EST		0	Thunderstorm Wind (EG 52 kt)
	05/13/14 14:38 EST		0	Source: Public
Two large trees reported blown down.				
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<b>MACOMB COUNTY --- 1.7 NE CENTER LINE [42.49, -83.01]</b>				
	05/13/14 14:38 EST		0	Thunderstorm Wind (EG 52 kt)
	05/13/14 14:38 EST		0	Source: Trained Spotter
Spotter estimated a 60 mph thunderstorm wind gust.				
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<b>SANILAC COUNTY --- MELVIN [43.18, -82.87]</b>				
	05/13/14 14:38 EST		5K	Thunderstorm Wind (EG 52 kt)
	05/13/14 14:38 EST		0	Source: 911 Call Center
A power pole and wires reported down.				
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<b>ST. CLAIR COUNTY --- 1.2 NW COLUMBUS [42.89, -82.67]</b>				
	05/13/14 15:00 EST		0	Thunderstorm Wind (EG 52 kt)
	05/13/14 15:00 EST		0	Source: Broadcast Media
Large tree was reported blown down on a truck.				
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<b>ST. CLAIR COUNTY --- 0.7 N SNYDERVILLE [42.84, -82.67], 1.0 SE BELLE RIVER [42.81, -82.67]</b>				
	05/13/14 15:15 EST		5K	Thunderstorm Wind (EG 56 kt)
	05/13/14 15:17 EST		0	Source: 911 Call Center
Trees reported down, along with power outages.				
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<b>ST. CLAIR COUNTY --- 0.9 SW ST CLAIR [42.82, -82.49]</b>				
	05/13/14 15:21 EST		5K	Thunderstorm Wind (EG 56 kt)
	05/13/14 15:21 EST		0	Source: 911 Call Center
Multiple reports of trees and power lines down.				
 <b>Severe thunderstorms developed ahead of a cold front on the afternoon of May 13, 2014. Storms raced east across most of Southeast Lower Michigan, causing a broad area of damage. Several trees and power lines were downed, along with reports of wind gust measurements ranging from 50 to 60 mph.</b>				